

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	high adj frequency and esd and "361".cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:08
S2	0	high adj frequency and esd and "361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:09
S3	0	high adj frequency and esd and "361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:09
S4	149583	"361".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:09
S5	9618	"361".clas. and high adj frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:09
S6	265	"361".clas. and high adj frequency and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:10
S7	84	"361".clas. and high adj frequency and esd and rf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:37
S8	23	("3777216"   "4423431"   "4527213"   "4609931"   "4712152"   "4803527"   "4807080"   "4849845"   "4893157"   "4930036"   "5041889").PN. OR ("5301081").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:15

## EAST Search History

S9	29	scott near bauer.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 12:37
S10	11	("3181033"   "4577255"   "5122921"   "6134093"   "6144737"   "6226166"   "6252755"   "6377435"   "6385030"   "6842518").PN. OR ("7154727").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:40
S11	1	"5896265".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:40
S12	31	("2030179"   "2777998"   "2886744"   "2922913"   "3274447"   "3777219"   "3863111"   "3968411"   "4050092"   "4142220"   "4158869"   "4359764"   "4409637"   "4419711"   "4554608"   "4630163"   "4901183"   "5122921"   "5136455"   "5388021"   "5493469"   "5513059").PN. OR ("5896265").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:40
S13	25	("2005147"   "2654857"   "2906925"   "2959692"   "3181033"   "3274447"   "3320462"   "3550000"   "3728731").PN. OR ("3968411"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:49
S14	3	esd same duplexer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:52
S15	9	("20030011443"   "5023866"   "5095285"   "5515015"   "5939939"   "6489861"   "6577199"   "6608534"   "6781479").PN. OR ("6982612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:50
S16	0	esd same duplexor	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 12:52
S17	25	esd same duplex\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 13:31
S18	1	10/526276	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 13:32
S19	1	10/526278	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 13:51

## EAST Search History

S20	1	"3968411".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 13:59
S21	13220	Electrostatic adj discharge	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 14:00
S22	222	Electrostatic adj discharge	USOCR	OR	OFF	2007/04/25 14:01
S23	1	EMT same ESD	USOCR	OR	OFF	2007/04/25 14:03
S24	6	EMT same ESD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:06
S25	3	electromagnetic adj transients same electrostatic adj discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:36
S26	25	("2005147"   "2654857"   "2906925"   "2959692"   "3181033"   "3274447"   "3320462"   "3550000"   "3728731").PN. OR ("3968411"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 14:11
S27	1	455/117.ccls. and esd	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 14:11
S28	503	455/117.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 14:12
S29	1	455/117.ccls. and electrostatic adj discharge	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 14:12
S30	0	electromagnetic adj transient same electrostatic adj discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:15
S31	0	electromagnetic adj transient and electrostatic adj discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:15

## EAST Search History

S32	5	electromagnetic adj transients and electrostatic adj discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:15
S33	550	(heinz near2 mueller).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:37
S34	0	(heinz near2 mueller).in. and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:37
S35	14	(heinz near2 mueller).in. and receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:38
S36	491	esd adj protection and receiver and transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:38
S37	458	esd adj protection and receiver same transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:38
S38	34	esd adj protection same receiver same transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 14:38
S39	6	("20020129169"   "20030122572"   "20050085200"   "3649735"   "3763357"   "3797038").PN. OR ("7010279").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:24
S40	13086	esd protection same switching with receiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:24

## EAST Search History

S41	6	esd adj protection same switching with receiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:32
S42	5	esd adj protection same switching with transmitter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:33
S43	7	esd same switching with transmitter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:35
S44	153	esd same transmitter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:35
S45	103	esd same transmitter same receiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 15:40
S46	854	(electrostatic adj discharge) and transmitter same receiver not S45	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:03
S47	1019	(electrostatic adj discharge esd) and transceiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:03
S48	181	(electrostatic adj discharge esd) same transceiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:10
S49	3	(electrostatic adj discharge esd) and antenna same transceiver same shunt	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:11
S50	0	(electrostatic adj discharge esd) and antenna same transceiver same spark	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:12
S51	3	(electrostatic adj discharge esd) and antenna same transceiver same gap	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:12
S52	11	S10	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:12
S53	1	10/742496	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:13
S54	11	("20020121924" "20030058591" "20050107042" "6009314" "6009318" "6537868" "6614229" "6721544" "6735418" "6839577" "6982609").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:13
S55	7	("20020034934"   "5172082"   "5867072"   "6040745"   "6278340"   "6844792").PN. OR ("6982609").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:17

## EAST Search History

S56	463	455/83.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:13
S57	9	455/83.ccls. and (esd electrostatic adj discharge)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:18
S58	15	("20020095271"   "20020183013"   "20030001784"   "20030008693"   "20030052824"   "5691730"   "5926503"   "6072993"   "6101374"   "6175334"   "6496150"   "6600931"   "6633748"   "6657595"   "6920315").PN. OR ("7194284"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:24
S59	15	("20020095271"   "20020183013"   "20030001784"   "20030008693"   "20030052824"   "5691730"   "5926503"   "6072993"   "6101374"   "6175334"   "6496150"   "6600931"   "6633748"   "6657595"   "6920315").PN. OR ("7194284"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:51
S60	15	("20020095271" "20020183013" "20 030001784" "20030008693" "20030 052824" "5691730" "5926503" "607 2993" "6101374" "6175334" "64961 50" "6600931" "6633748" "6657595 " "6920315").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:51
S61	5	("4538153"   "5097484"   "5203018").PN. OR ("6101374"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:55
S62	3	("20020019218"   "20030092416"   "20040266378").PN. OR ("7120394").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 16:56
S63	13224	455/78.ccls. and esd electrostatic adj discharge	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:14
S64	18	455/78.ccls. and (esd electrostatic adj discharge)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:19
S65	0	455/79.ccls. and (esd electrostatic adj discharge)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:22
S66	0	455/82.ccls. and (esd electrostatic adj discharge)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:23
S67	24	455/73-88.ccls. and (esd electrostatic adj discharge)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:10

## EAST Search History

S68	2	10/023561	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:28
S69	0	455/560.ccls. and (esd electrostatic adj discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 17:31
S70	152	"455".clas. and (esd electrostatic adj discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 17:32
S71	89	"455".clas. and (esd electrostatic adj discharge) and (transceiver transmitter same receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 17:39
S72	0	"455".clas. and "361".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/25 17:39
S73	31	("2030179"   "2777998"   "2886744"   "2922913"   "3274447"   "3777219"   "3863111"   "3968411"   "4050092"   "4142220"   "4158869"   "4359764"   "4409637"   "4419711"   "4554608"   "4630163"   "4901183"   "5122921"   "5136455"   "5388021"   "5493469"   "5513059").PN. OR ("5896265").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:46
S74	31	("2030179"   "2777998"   "2886744"   "2922913"   "3274447"   "3777219"   "3863111"   "3968411"   "4050092"   "4142220"   "4158869"   "4359764"   "4409637"   "4419711"   "4554608"   "4630163"   "4901183"   "5122921"   "5136455"   "5388021"   "5493469"   "5513059").PN. OR ("5896265").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:46

## EAST Search History

S75	40	("2030178"   "2030179"   "2030180"   "2777998"   "2886744"   "2922913"   "3274447"   "3777219"   "3863111"   "3968411"   "4050092"   "4142220"   "4158869"   "4359764"   "4409637"   "4554608").PN. OR ("5122921").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:50
S76	19519	antenna same esd electrostatic same protect\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 17:50
S77	330	antenna same esd electrostatic same protect\$3 same transceiver	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:09
S78	1	"3968411".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:09
S79	16	455/73-88.ccls. and 455/117.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:18
S80	238	(esd electrostatic adj discharge) with antenna	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:19
S81	1	(esd electrostatic adj discharge) with antenna with gas	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:19
S82	6	(esd electrostatic adj discharge) with antenna with gap	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:20
S83	1	(esd electrostatic adj discharge) with antenna with zener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:20
S84	1	(esd electrostatic adj discharge) with antenna same zener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:21
S85	1	(esd electrostatic adj discharge) same antenna same zener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:21
S86	61	(esd electrostatic adj discharge) same antenna same diode\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:21
S87	1	(esd electrostatic adj discharge) same antenna same diode\$1 same db	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:23
S88	0	(esd electrostatic adj discharge) same antenna same diode\$1 same pf	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:23



## EAST Search History

S89	2	(esd electrostatic adj discharge) same antenna same pf	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:24
S90	368	(esd electrostatic adj discharge) same antenna	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:24
S91	36	(esd electrostatic adj discharge) same antenna and zener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:29
S92	2	09/746736	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:29
S93	7	("5717558"   "6075686"   "6104588").PN. OR ("6580591"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 18:39